

Shelburne, N.H.

June 10 }  
July 31 } 1921



# Temperature Records (Fahrenheit)

Taken { Minimum in early Am.  
Maximum in late Pm.

x = rain fell that day.

Shelburne, N.H.

1921	May	June	July	August	September	
			59 x 69	50 66	47 84	1
			63 88	47 75	52 89	2
			65 94	44 80	71 90	3
			69 97	47 x 75	51 84	4
			62 82	46 80	47 80	5
			60 85	50 80	59 76	6
			68 94	65 x 78	56 x 86	7
			70 x 96	60 x 80	47 84	8
			66 x 84	53 77	44 85	9
		arrived	66 x 74	46 82	46 86	10
		x 74	66 76	60 88	52 x 74	11
		58 x 61	66 84	65 x 86	56 x 66	12
		52 x 64	66 90	52 77	58 76	13
		49 x 64	67 <sup>(72-74 AM)</sup> x 61	58 x 70	49 72	14
		50 x 70	68 <sup>(65-7:30 AM)</sup> x 74	50 68	47 x 70	15
		39 72	51 <sup>(7:15-7:45 AM)</sup> 80	47 78	43 73	16
		43 x 75	46 85	58 83	40 x 71	17
		49 x 69	56 88	58 x 74	55 x 75	18
		44 x 69	56 x 74	58 76	46 —	19
		44 81	64 x 82	51 x 85		20
		53 84	58 81	52 75		21
		56 88	51 86	44 69		22
		62 x 87	56 88	42 78		23
		64 <sup>(70-6:30 AM)</sup> 84	56 90	50 77		24
		50 82	59 92	57 77		25
		49 86	58 89	52 78		26
		50 x 86	60 91	47 78		27
		61 x 70	60 x 86	52 80		28
		60 78	66 x 73	56 x 86		29
		66 x 67	60 x 81	60 x 88		30
			61 x 74	60 80		31
Average		52 <sup>11</sup> / <sub>19</sub> 75 <sup>11</sup> / <sub>20</sub>				





1921

(2) *Falco sparverius*

*Baudion haliaetus* Aug. 4<sup>rim</sup> 6<sup>rim</sup> 7<sup>rim</sup> 11<sup>rim</sup> 17<sup>rim</sup> 19<sup>rim</sup> 27<sup>rim</sup> Sept. 5<sup>rim</sup>

*Coccyzus erythrophthalmus*

summer, heard at night

*Coeryle alcyon*Aug. 27<sup>rim</sup>, 28<sup>rim</sup> Sept. 4<sup>rim</sup> 5<sup>rim</sup>*Dryobates villosus*

July 2

*Dryobates pubescens medianus*

June 14

*Sphyrapicus varius**Phloeotomus pileatus abieticola**Colaptes auratus luteus*June 30<sup>rim</sup> Fine July 2<sup>rim</sup>, Sept. 1<sup>rim</sup>, 17<sup>rim</sup> large flocks reported 3 or 4 at the fields. 15*Centrostomus vociferus*June 18<sup>rim</sup> by near Little River Sull.*Chordeiles virginianus*Aug. 25<sup>rim</sup> 27<sup>rim</sup> 28<sup>rim</sup> 29<sup>rim</sup> 30<sup>rim</sup> Sept. 5<sup>rim</sup>*Chaetura pelagica*

June 14

*Archilochus colubris*

2 or 3 x.

June 12<sup>rim</sup> 13<sup>rim</sup> 14<sup>rim</sup> 15<sup>rim</sup> 16<sup>rim</sup> 17<sup>rim</sup> 18<sup>rim</sup> 19<sup>rim</sup> 20<sup>rim</sup> 21<sup>rim</sup> 22<sup>rim</sup> 23<sup>rim</sup> 24<sup>rim</sup> 25<sup>rim</sup> 26<sup>rim</sup> 27<sup>rim</sup> 28<sup>rim</sup> 29<sup>rim</sup> 30<sup>rim</sup> Aug 4<sup>rim</sup> 5<sup>rim</sup> 6<sup>rim</sup> 7<sup>rim</sup> 8<sup>rim</sup> 9<sup>rim</sup> 10<sup>rim</sup> 11<sup>rim</sup> 12<sup>rim</sup> 13<sup>rim</sup> 14<sup>rim</sup> 15<sup>rim</sup> 16<sup>rim</sup> 17<sup>rim</sup> 18<sup>rim</sup> 19<sup>rim</sup> 20<sup>rim</sup> 21<sup>rim</sup> 22<sup>rim</sup> 23<sup>rim</sup> 24<sup>rim</sup> 25<sup>rim</sup> 26<sup>rim</sup> 27<sup>rim</sup> 28<sup>rim</sup> 29<sup>rim</sup> 30<sup>rim</sup> (records at Little River)

Sept. 5<sup>rim</sup> 6<sup>rim</sup> 7<sup>rim</sup> 8<sup>rim</sup> 9<sup>rim</sup> 10<sup>rim</sup> 11<sup>rim</sup> 12<sup>rim</sup> 13<sup>rim</sup> 14<sup>rim</sup> 15<sup>rim</sup> 16<sup>rim</sup> 17<sup>rim</sup> 18<sup>rim</sup> 19<sup>rim</sup> 20<sup>rim</sup> 21<sup>rim</sup> 22<sup>rim</sup> 23<sup>rim</sup> 24<sup>rim</sup> 25<sup>rim</sup> 26<sup>rim</sup> 27<sup>rim</sup> 28<sup>rim</sup> 29<sup>rim</sup> 30<sup>rim</sup>*Tyrannus tyrannus*July, seen at intervals, 24<sup>rim</sup> Aug 4<sup>rim</sup> 5<sup>rim</sup> 6<sup>rim</sup> 7<sup>rim</sup> 8<sup>rim</sup> 9<sup>rim</sup> 10<sup>rim</sup> 11<sup>rim</sup> 12<sup>rim</sup> 13<sup>rim</sup> 14<sup>rim</sup> 15<sup>rim</sup>

(3)

June 26 29 July 7 '8 Aug 8 '15<sup>2</sup>

*Myiochanes virens*

*Empidonax minimus*

*Otocoris alpestris praticola*

Aug 12, Sept. 5 <sup>4-5</sup> Little H. 6 <sup>(5-6)</sup> 7 <sup>8-9</sup> 9 <sup>10</sup> 10

[illegible]

June 10<sup>18</sup> 15<sup>19</sup> 17<sup>20</sup> 20<sup>21</sup> 24<sup>22</sup> 28<sup>23</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> 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<sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>3</sup>

*Cyclaius phoeniceus*

*Pteropus galbula*

*Euphagus carolinus*

*Quiscalus quiscula cglaceus*



1921

(4) *Penicola enucleata* Leucura

*Carpodacus purpureus*

June 11, 13 15 <sup>29</sup> 16 <sup>20</sup> 28 29, Aug. 7 <sup>22-25</sup>

*Astragalus tristis*

June 13<sup>1</sup> 17<sup>2</sup> 18<sup>3</sup> 26<sup>4</sup> 28<sup>5</sup> July 5<sup>6</sup> 16<sup>7</sup> 19<sup>8</sup> 23<sup>9</sup> 31<sup>10</sup> Aug 5<sup>11</sup> 10<sup>12</sup> 19<sup>13</sup> 29<sup>14</sup> Sept. 8<sup>15</sup> *Trigloporus*

*Doecetes gramineus gramineus*  
in female

June 24

*Passerculus savanwicensis savanna*

June 11<sup>intense</sup> 15<sup>do</sup> 17<sup>do</sup> 24<sup>do</sup> 28<sup>do</sup> July 1<sup>intense</sup> 7<sup>do</sup> 11<sup>do</sup> 29<sup>1 in.</sup>

*Zonotrichia albicollis*

June 13\* 14\* 15\* 16-23 <sup>intensity</sup> several 28\* 29 July 1\* 5\* 6\* 7\* 9\* 12\* 14\* 15\* 18\* 19\* 25\*

*Spizella passerina passerina*

June 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31  
 31 Aug. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31  
 31 Aug. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

*Spizella pusilla*

*Junco hyemalis*

June 12<sup>\*</sup> 13<sup>\*</sup> 15<sup>\*</sup> 16<sup>\*</sup> 18<sup>\*</sup> 19<sup>\*</sup> 23<sup>\*</sup> 24<sup>\*</sup> 19<sup>\*</sup> 22<sup>\*</sup> 23<sup>\*</sup> 25<sup>\*</sup> Aug. 3<sup>\*</sup> 6<sup>\*</sup> 11<sup>\*</sup> 14<sup>\*</sup> 15<sup>\*</sup> 17<sup>\*</sup> 18<sup>\*</sup> 25<sup>\*</sup> 26<sup>\*</sup> 27<sup>\*</sup> 28<sup>\*</sup> 29<sup>\*</sup> Sept 1<sup>\*</sup>

*Melospiza georgiana*

*Melospiza melodia*

June 15<sup>27</sup> 16<sup>21</sup> 20<sup>1</sup> 24<sup>x</sup> 28<sup>x</sup> July 11<sup>2</sup>

*Dipilo erythrophthalmus*

*Zamelodia ludoviciana*











1921

(8) *Hylocichla ustulata*

*Hylocichla guttata psalasi*

June 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Aug. 1<sup>1</sup> 5<sup>1</sup>

*Planesticus migratorius*

June 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> July 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Aug. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Sept. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Oct. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Nov. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Dec. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> 31<sup>1</sup>

*Sialia sialis*

June 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> July 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Aug. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Sept. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Oct. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Nov. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> Dec. 1<sup>1</sup> 2<sup>1</sup> 3<sup>1</sup> 4<sup>1</sup> 5<sup>1</sup> 6<sup>1</sup> 7<sup>1</sup> 8<sup>1</sup> 9<sup>1</sup> 10<sup>1</sup> 11<sup>1</sup> 12<sup>1</sup> 13<sup>1</sup> 14<sup>1</sup> 15<sup>1</sup> 16<sup>1</sup> 17<sup>1</sup> 18<sup>1</sup> 19<sup>1</sup> 20<sup>1</sup> 21<sup>1</sup> 22<sup>1</sup> 23<sup>1</sup> 24<sup>1</sup> 25<sup>1</sup> 26<sup>1</sup> 27<sup>1</sup> 28<sup>1</sup> 29<sup>1</sup> 30<sup>1</sup> 31<sup>1</sup>



Cambridge, Mass. to Shelburne, N.H.

1921  
June 10

Sun & cloud, very sultry.

This morning Miss Brown & I left the  
Greaster St. home at 9 A.M. (by light saving  
time) at Row & Harvard Sq. where we took the  
electrics for the North Sta. The train left  
at 9 A.M. (standard time) and Mr. Sprague  
met us in the train and gave Miss Brown  
a pot of *Asplen. norae-anglicae* to plant at the  
Little House. Ned Rand also called and  
said good bye. We kept the parlor car to  
Danville Junction and then changed to the  
Grand Trunk and reached Shelburne after  
a hot ride about on time which is 4:53  
standard time.

Lawrence met us and we were taken to  
the Farm, and the Little House. Miss Kirk  
& Miss Bull met us cordially and had  
flowers in the rooms. Gus was here too.  
All is very natural. Garden just opened.  
Large red poppies, Columbine, yellow poppies  
out. One of last year thick on the ground.  
At supper we met Mrs. Macmillan and  
John. Mr. & Mrs. Cushing, Mrs. Sweetser &  
Mrs. Ducklee & Dr. & Mrs. Arthur P. Hunt, 5 Chelsea Sq., N.Y. City.

We had a pleasant reception and a  
good supper.

Then I talked with every body and  
sat a good while with Mrs. Mac-  
millan on the piazza. She goes on Sun-  
day and sails next week for Europe.  
Mrs. seems new well. They have had a  
long drought here. - Rain much needed.

Shelburne, Vt.

1921

June 11.

(1)

Sun & cloud, warm; a light rain in late P.M.

Heavy rain for some time this evening. Warm later.

This morning I spent much time at the Farm with the guests. I had a long talk with Gus who is feeling better than for 5 years.

Gus & I walked up to the Emerson Cottage and inspected the nest of the flying squirrel's nest Prof. Emerton told me about. Gus found <sup>flying squirrel's</sup> nest. The nest on about May 2. He was inspecting the house of Prof. Emerton from the outside, and he opened one of the blinds on the ground floor of the sill when a flying squirrel sprang out from behind the other blind and disappeared in the woodbine trailing on the side of the shed. On opening the other blind, he found nest fine soft fibres packed closely between blind & window on the sill. In it nestled in the nest were three young ones with some hair. The nest was not fastened together but was merely a bundle of fibres. The young nestled in soft depressions in the top. Then Philbrick closed the blinds, and a couple of days later when Prof. Emerton arrived took him up to see the nest & young. The young were gone, taken away by the parent squirrel. The only approach to the nest was a narrow slit between the blind and the sill.



## Shelburne, N.H.

1921

June 11

(2)

This afternoon Mr. Thos. Cushing took me on a delightful auto. A lad with them takes care of the car. We drove down on the north side some way beyond Gilead bridge. The air and views were good.

We saw a rabbit on a low stump some 50 ft. off in an open wood. He sat motionless with ears erect for some minutes. We all looked at him through my binoculars, until at last in a flash he was gone into the woods.

Rabbit

Later we saw a deer who flashed his white tail and vanished into the woods.

Deer

Still later we saw in a marshy spot near the road a Bittern. He was fully exposed to view and he straightened himself into the characteristic fashion and remained motionless for minutes. We all looked at him through my glasses. I could see his eye, his stripes, all. At last we had a wave and took before he would fly away.

Bittern

We turned back soon and went up over Lead Mine bridge and came over Shelburne bridge.

Evening at the main house - very pleasant. This P.M. I collected:

- Rubus perigratus Blanchard - Fide B. L. F., Dec. 28, 1921.  
Dry roadside, Gilead, n. side of river. Low erect
- Rubus, elegantulus Blanchard - Fide B. L. F., Dec. 28, 1921.  
Border of Impalls Brook by the river. Erect. 4 ft., Gilead.

Stellburne, N.H.

1921  
June 12

Heavy rain in the night with thunder. Rain at breakfast time in the morning. Day sun and cloud very cool - max. 61 F.

This morning Mrs. McMillan & John left us. Mrs. Rantoul & Ellen called and took their. Mrs. M. & Ellen & Andrew & John sail for Europe this week.

I was at the farm & cottage this morning, taking the - After dinner Mrs. Brown picked up cones <sup>in</sup> on Pine Grove and under the big trees just north. member! It is a wonderful sight to see the ground so strewn with them. We soon got at least 3 bushels, and put <sup>them</sup> on our piazza in the corner on the west end.

We went over the Smartum place and inspected the plants and I have written a report to Prof. Smartum. He has given up the Ever-bearing Strawberries this year - The frost injured them very much.

I wrote a number of letters to-day. This morning a Hermit Thrush was singing beautifully.

This evening we staid for some time at the Farm by the fire talking with Gus. &c.

The garden about the cottage is bright with our garden red (Oriental), salmon (Oriental), yellow alpine poppies, columbine in full bloom, shrubs and ferns very fine. We planted them all. The Norway pine on the east side that was badly scorched a year ago, has recovered remarkably. Nasturtium seed has been put in to-day. The young Hemlocks & White Pines by the Cottage are thriving - Cestrich Fern by piazza fine.



Shelburne, N.H.

1921  
June 13

Cool, occasional rain, some thunder.

Heavy thunder &amp; lightning &amp; rain this evening -

This morning we walked up Cabot on the red trail to where the *Cypripedium* *aristatum* grows. <sup>*Cypripedium aristatum* on Cabot.</sup> There are nine small plants, two of them badly eaten by some insect. There is no flowering or fruiting plant. The species seems merely to be partially holding its own. On the way back we partially filled a big sack with white pine cones, on the Red trail near the beginning -

Before this after breakfast we went to the <sup>Flying Squirrel</sup> Emerson place and put the Flying Squirrel's fragile nest into a box to take away. We left Dr Hunt there starting to make a sketch toward Moriah.

I was content this afternoon with sitting on my piazza and enjoying the landscape and reading, and later dozing by the fire. This is rather unusual with me -

We have put a Wren box that came down in the winter Wren box on the S.W. corner of the piazza by the awning. A Wren is about it and may appropriate it. It was carrying sticks into the top of the awning that was up. We covered the awning to prevent that -

This evening we stay some time at the Farm. A heavy thunder storm delayed us there.

- *Melica striata* (Michx.) Hitchc.
  - *Poa pratensis* L.
- Pine Grove. for Dr. Sordale.

Shelburne, N.H.

1921

June 14. A little rain in the morning, fine cumulus clouds.  
(1) Afternoon clear and cool.

This morning Miss Brown picked up a lot more cones. Later we walked down to Wheeler's Pond looking for blackberries. They are still in flower. I gathered a number of specimens.

As we were by the road at Wheeler Cemetery, I noticed a good way up the road towards Wheeler's Farm a black object in the road moving slowly towards us. It was a young Hedgehog waddling along straight towards us. He stood perfectly still with glass fixed and watched him. He toed in as he walked and kept on till within two feet of where we stood when he stopped, sniffed the air, turned round and waddled along the road away from us. I then stepped up to him and for a while kept him in the road with my umbrella. He erected his quills in a formidable manner and the end of the umbrella got full of them, as I poked him. Finally I let him go and he shuffled off into the woods.

I poked round a little in Wheeler's B of Home to dinner -

Before going on the walk this morning, we had a most interesting flock of birds in the pines & spruces by the Little House. They were very active - A number of Red Crossbills were the prominent feature. One fine ♂ perched on the top of the elm on the S.W. corner of the house and I could see his color and his crossed mandibles. There were also a



Shelburne, N.H.

1921

June 14 number of Purple Finches in the flock and his  
(2) Zoom is sure she saw a Pine Grosbeak.

This afternoon I put plants in to press and read the Leppelin's Passenger, a very interesting novel by Oppenheim -

Later Rev. Mrs. A.P. Hunt, Miss Dolly Kirk and Miss Bull called and we had afternoon tea and a pleasant talk on the piazza and in the sitting room. All are much interested in the Hummingbird photos.

We had a beautiful rainbow this P.M. in the west. The cloud effects has been very fine over the mountains.

A card from Mary shows that Lucy is getting along sufficiently for them to think seriously of Windstone. I collected to-day:

- 1 Rubus vermontanus Blanchard 7.5 in. h. 7. Dec. 28/921

From S.W. apex of Triangle just where Le Bretton road leaves main road at Wheeler Pond. Trailing, 2 1/2 ft. long.

In bud.

- 2 Rubus recurvus Blanchard 7.5 in. h. Dec. 28/921

Opposite 2<sup>nd</sup> post, right of center gate, Wheeler's Cemetery.

3 ft. long, trailing. Piece of end taken.

- 3 Rubus

Opp. Wheeler's Cemetery, low, bending, cut at base.

- 4 Rubus allegheicus Porter

9 5 } Damp shade, low, bending, cut at base. Opposite Wheeler's Cemetery.

- 5 Rubus allegheicus Porter.

Dry roadside in shade between Evans Cottage & Cemetery

70 paces to Cemetery, opp. a double White Birch - Some 2 ft. tall, Calla palustris L. Flower, Wheeler's Bog -

Shelburne, N.H.

1921

June 15

Weather changeable, small showers occasionally, cool.

This morning we walked to the Sta. and then a mile down the road, botanizing - very pleasant. At a point opposite my cottage we go over, by means of a fallen tree and stranded logs, on to the big stony island opp. Philbrook Farm. We wandered over it looking for *Prunus pumila* which grew years ago on one of these islands in the river just beyond Shelburne. I have a specimen in my herbarium. We found none, however - Scrambling back on to the r.r. track we returned home in time for dinner - The walk was 4 miles -

This afternoon I put my plants into press and later Mrs. Greenough, Mrs. Duenkelles, Miss Rich & Miss Bull came over to drink tea.

It was very pleasant -

♂ Red Crossbill & flock of Purple Finches, <sup>(no male seen)</sup> in trees about the cottage, vidi.

Evening, cool and wonderfully clear.

- *Dacthonia spicata* (L.) Beauv. Young -

Stony Isl., opp. Philbrook Farm

- *Secale cereale* L. <sup>var.</sup> Winter Rye.

Escape. on r.r. track, 1/2 m. below station.

- *Panicum boreale* Nash.

Stony Isl., s. of opp. Philbrook Farm.

- *Panicum boreale* Nash. Dry roadside, s. of river.

Carex

Stony Island opp. Philbrook Farm.

- *Carex canescens* L., var. *disjuncta* Fernald

Stony Island opp. Philbrook Farm.

*Sisymbrium altissimum* L. Waste ground by Hobbar's Mill.

- *Rubus ~~perigrinus~~ blanchardii* <sup>sept</sup> <sub>var. bl. f. Dec. 28/92.</sub> Dry road side, s. of river, about 1 m. from village, 3 ft high.



Shelburne, N.H.

1921  
June 16

A wonderful cloudless, clear cool day.

Last night frost in the intervals.

This morning with Miss Kirk & Miss Bull, we walked up to the top of Cabot. There was no heat and it was delightful. I reached the summit with little fatigue. The view is very fine. I could see with naked eye the buildings in the summit of Mt. Washington. We rested some time, admiring the view both to the north and to the south. Nothing but mountains are seen piled upon each other. We went up to the Red Trail and came down by the Blue Trail, passing the spot where my first interest in botany on July 26, 1880. The trip is about three miles.

This afternoon I have been at the cottage resting, reading writing &c.

This evening Dr. & Mrs. Hunt came up to see the heavens. The sky was clear as crystal and they had seen any heavenly body through a telescope. Saturn showed only his shape, the rings being an edge and sometimes invisible. Jupiter was perfect, with two moons on either side.

Saturn  
&  
Jupiter  
+ his moons  
and horns  
shown  
to-night

O., one very close to Jupiter. After they left, I looked at Jupiter and the near moon had gone behind. They were much impressed by it all. Miss Kirk & Miss Bull stopped in for a few minutes. The moon impressed the Hunts very much. Viola renifolia Gray, var. Strainvillei (Greene) Fernald.

Fruiting specimen, cold wood side of Cabot.

Hesychia flexuosa (L.) Don.

Dry rocky summit of Mt. Cabot.

I picked up a Red Oak sprouting again to-day & planted it - died!

Shelburne, N.H.

1921  
June 17

Clear mild calm with light wind.

Light shower in the evening -

This morning we walked over the bridge and through the intervals to the r.r. bridge over Clemons Brook. We went under the bridge and crossed the brook on stones and did a little botanizing by the brook and by Hebbards Mill. - I had a chat with the engineer. We returned on the track to the Station & then home. *Rubus* is in good flower now and *S. me* is in bud, while some is just past flower - Our distance was 3 miles -

This afternoon I worked on my plants, changed soils, did a little reading, &c.

Mrs. Hunt, Mrs. Greenough, Mrs. Duckell, Miss Rich & Miss Bull dropped in & sat in the parlor & drank tea - I got the blackbird's nest from the Shack.

- 6 *Rumex obtusifolius* L. very young - leaves only -  
Rather dry ground, in deep grass, with *Arctium* by Hebbards Mill
- 4 *Stellaria graminea* L. damp ground by Hebbards Mill }  
5 *Sisymbrium altissimum* L. }  
scattered through the grass  
Waste ground, by Hebbards Mill
- 1 *Rubus elegantulus* Blanchard  
Tall, bending, large clumps, dry ground, near  
Clemons Brook, near r.r. track, S. side.
- 2 *Rubus vermontanus* Blanchard, var. *viridifolius* Blanchard.  
Low, bending by Clemons Brook, damp soil, just under  
the r.r. bridge, S. side near Hebbards Mill.
- 3 *Rubus vermontanus* Blanchard, var. *viridifolius* Blanchard.  
Same as #2, buds only, put in water to open  
Put into press with open blossoms all with 7, 8, & 9 petals, June 20 -

File in h. 7.  
Dec. 28 / 921



Shelburne, N.Y.

1921  
June 18

Clear, cool morning, rather heavy thunder storm in the afternoon. 62°, 3.45 P.M., max. 69°.

This morning Dr. Hunt & I drove with Lawrence to Gorham - the air was fresh and the views were very fine - I called on Mr. Bennett, and met Judge Evans and Mr. Hamlin and had a good talk with Mr. Shroy - I gave him my glass humming bird plate and discussed matters with him about it. He is going to make two prints on a slightly rough paper, one in sepia, and one in black and send them to me for inspection - He was much interested.

After dinner we filled the gunny sack with cones on Pine Grove back of the farm house - Later I took most of my plants from the press.

At supper I met Miss Snell and Miss Crisfield who have come up for a day or so from Portland - They are very bright.

We had a wonderful sunset this evening following a smart thunder storm. I had a very pleasant talk with Gus over the early White Mt. days when Ethan Allen Crawford and a host of others were the pioneers - Gus gave me a very nice book "Chronicles of the White Mountains" by F. W. Kilbourne, 1916 - This copy was given to him, but he already had one.

Shelburne, N.H.

1921  
June 19.

Clear with rain clouds lowering about and dropping rain at intervals -

This morning I took the bulk of my plants out of press. Later we walked down the Wheeler's pond where I wanted to look at some Rubus. I collected only two Rubi on the walk. Occasional showers occurred, at times seeming to come from the clear sky - Back to dinner -

This afternoon I staid for some time at the Farm talking in the sitting room. Then I put my Rubus in press, and read by the fire -

This evening Arria with her husband and children arrived. That will be very pleasant. Mr. Davis is entering into a partnership with three other men, and it is a big and important move. I trust it will be successful -

I hardly expect to find any new Rubi here, though 2 or 3 species have been taken somewhere that I have not got myself. One at least is not in the Manual, and that makes it difficult to know -

1 Rubus vermontanus Blanchard.

Old tree cane, in bud mainly, from the triangle at S.E. corner of Wheeler's pond. Same sta. as on June 14. Archd. (see 1st 7. 28, 1921.)

2 Rubus vermontanus Blanchard

Old tree cane, dry roadside, opp. Emerton place, some 3 ft. tall, bending, in flower. New & old cane.



Shelburne, N.H.

1921  
June 20

This morning I staid at home, reading Talking with friends &c. At 12 o'clock I wandered up the road a little distance, collected a little *Rubus*, and joined Gus who was picking a good mass of strawberries from his pet bed by the creek opp. the house.

Mrs. Greenough & Mrs. Dreddelee left by A.M. train, Miss Lowell and Miss Crisfield left by auto for Portland in mid morning. Mr. Paine, Anna & children arrived yesterday P.M. for a visit.

This afternoon I spent quietly, putting some plants into press and then reading on the piazza. Miss Dolly Kirk left for me by the P.M. train and Miss Bull is coming to our cottage for a few days.

After supper we called on Miss Painter but she had gone to Sunset Rock. We returned home, met her, and we all sat on our piazza. Then I wrote up my Journal and read a novel, 'So unusual a proceeding' wrote me.

- 1 *Rubus elegantulus* Blanchard.

In grass at S.W. corner of farm, end of main road. New cane erect, 2-3 ft high.

Old cane low, bending, tips on the ground, running in grass.

- 2 *Rubus vermontanus* Blanchard. - Tide No. 7, Dec. 28, 1921

By roadside near Lighter house. Old cane about 2 feet high - new cane cut at base.

Tide No. 7,  
Dec 28, 1921

Shelburne, N.H.

1921  
June 21

Hot, air very thick from fog or possibly forest fires. I hope not the latter.

I have been lazy to-day, and yet the hours have flown by. This morning, in company with Miss Bull and Miss Brown, I strolled down to the river and over the cobbly beach to the Island. No bird was seen except one beautiful Maryland Yellow-Throat, and a Woodpecker, possibly a Hairy by the river. The Warbler was disturbed as I approached the nest ~~and~~ <sup>in</sup> a dense clump of *Salix cordata* by the Creek back of the Knubble.

Miss Brown picked two baskets of straw berries on the Island. There are few berries this year. We returned to the Farm and to dinner.

This afternoon I sat much of the time on the piazza, indulging in a novel, a good one, *Riders of the Purple Sage*, by Lane Grey.

This evening Dr. H. W. Hunt came and we five had a very pleasant evening. Dr. Hunt showed us some lovely photographs of the Passacumaway region where he has a summer home and where he totes over a small hotel. The scenery round about is very wild and beautiful.

Dr. Hunt & I looked at Jupiter and saw the planet and 3 moons. The full moon was orange cold owing to the fog.

*Demianum boreale* Nash Philbrook Farm N.H., in fruit.



Shelburne, Vt.

1921  
June 22Hot and sultry, maximum of 88° F., Calm.  
The hottest day since our arrival -

It has been too warm to attempt any walking to-day and I have staid in doors. Busily occupied with many things - My plants are nearly all out of press and my Rabi are ready for study - Nothing new I am sure -

I wrote Miss Stowell this morning in regard to some questions in a letter received yesterday, concerning some remarks she has made in paper concerning stars in the evening, and birds in song at a Rest House in N. York State, owned by the Guaranty Trust Co. Her paper is very well done.

Two pairs of Wren are located here, one in the holes on the east side and nesting, now a pair are occupying a box under the roof of the piazza at the southwest corner. They are very active.

A pair of Maryland Yellowthroats are nest in the thicket east of the cottage and a pair between the cottage and the Lodge if I can judge by the songs -

We staid at the Farm House some time this evening as Dr. & Mrs. Hunt leave us to-morrow morning. I have enjoyed them very much - Mrs. Hunt was Miss Clark and she was in Cambridge (1901-1908) teaching art -

Shelburne, Vt.

1921

June 23

Hot and hazy, light breeze. Thunder storm this evening refreshed the air.

I have kept quiet to-day, and have done no botanical work. It has been pretty warm.

Dr. Mrs. Hunt left by the up train for a circuitous route to Littleton, Vt. I shall miss them very much indeed, <sup>(24 Alexander St., Princeton N.J.)</sup>

Miss Sophie Rich & her friend Mrs. Lois Cous. of Princeton came by same train to the Loop. Mrs. Cous. is a fine woman. She worked hard through the war in France, and her husband also, he at the front.

I have begun to read again "Chronicles of the White Mountains" by Frederick W. Hibbourn 1916. Gus gave me the copy. I read it some time ago from a book loaned me by Mr. Sprague. I shall discuss it, from time to time with Gus.

Mr. & Mrs. Eddy came this morning and they are both looking very well. Mr. Eddy was poorly last season when I left here.

This evening we had a thunder storm from the west. It was interesting watch the rain drift down the valley. It did not last long.

My plants are nearly dried by this time as I have not collected much for 2 or 3 days owing to the warm weather -

Shelburne, N.H.

1921  
June 24

Clear with cumulus clouds, warm

It has been a very beautiful day - this morning Miss Painter invited us and some of Maria's and Lawrence's wife's children to drive to Gorham. It was very delightful. We stopped at Shoraj's and I showed him my large photo of the Hummingbird. He had taken two prints for me, size of plate in black & sepia - I shall order several. His prints are good -

We had ice-cream all round and did errands and drove home - It was very nice -

This afternoon Miss Bourn & I walked for 3 miles to Chas. Hibbard's mill and through the village. The air was good and I enjoyed it. I collected a few plants.

Mr. Chandler is building a new barn in place of the one burnt last fall. It is on the south side of the main road where the Hubbard house used to stand.

I had letters to-day from Emily Williams, George, and Mrs. Little of Walpole.

- Brassica arvensis L.

Waste ground by Hibbard's mill.

Sisymbrium altissimum L.

Waste ground by Hibbard's mill.

- Rubus peruvianus Blanchard, var. viridifolius Blanchard.

Low, bearing under a. growing in damp ground, by Chandler's Brook near Hibbard's mill. New & old name. Flower

Like the 1st.  
Dec. 28/921.



Shelburne, N.H.

1921  
June 25 Early Am. clear, some grain heavy and continuing during the day.

This morning with Miss Bull & Miss Painter, I walked down to Wheelin Pond. I collected some *Rubus* recorded below.

This afternoon there came up to drink tea, and talk, Mr. & Mrs. Eddy, Mrs. Painter, Miss Salt (who is here), Miss Kirk & Mrs. Cons about whom I will say more later. She served in France for 5 years during the war, and her husband through the war at the front. I learned more of conditions in France from her than I ever dreamed of.

After supper this evening Mrs. Cons told us a great deal more of the Farm House. She is staying at the Lodge with Miss Kirk.

Strawberries are reasonably abundant in the intervale, and ripe now. This morning Miss Brown picked over three pints hulled in the intervale. They are delicious. It is hard work picking them.

Wild  
Strawberries  
ripe

*Panicum xanthophyllum* Gray.

Le Bretton road by Wheelin Pond - To Dr. Goodale.

*Ueliga striata* (Michx.) Hitchc.

Five Grove, fruit for Dr. S. Goodale - To Dr. Goodale.

1 *Rubus vermontanus* Blanchard, var. *viridifolius* (Blanchard) var. h. L. F. Dec. 28, 1921

Edge of road by Wheelin Bog, midway E. & W. Very low bushy.

2 { *Rubus vermontanus* Blanchard, var. *h. L. F. Dec. 28, 1921*

43 { In triangle, S.E. corner of Wheelin Pond. The old cane was trailing close to the ground. New cane erect.

Shelburne, N.H.

1921

June 26

Cold and very windy - Hot.

We leave all kept quiet today on account of the heat. - I have spent considerable much of my time reading "Chronicles <sup>of the</sup> White Mts of the White Mountains". The details <sup>by</sup> Willbourn regarding the story of the Crawford, Rosebrook and the early buildings that were erected in the early days is rather complicated and requires careful re-reading. I have tabulated many facts in order to get a straight story.

I have changed the origin of my plants and put in a couple of *Panicums*.

Charlie Batchelder has sent me a few plants to identify & sent back names. A very humorous set of verses accompanies the package.

After supper walked down into the vale, fine sky. Then we called at the Leightons and saw Mrs. Leighton's mother. Mrs. Leighton is at the hospital in Portland, having had two operations for gallstones and rupture. She has been poorly for 3 years. She is getting on very well and in 2 or 3 weeks will be back. Mr. Leighton was in Portland. I haven't seen him yet.

*Rubus elegantulus* (Blanchard). Field No. R.F., Dec. 28 / 1921

Among rocks at bridge over Creek opp. Farm House P. Farm, New Old Lane,

2 *Panicum subvillosum* Ashe

1 *Panicum buachuciae* Ashe, var. *sericicola* Hitchc. & Chase <sup>Grays May</sup>

Sandy soil by Little House -

Field Mrs. Allen Chase, Sept. 29, 1921.

~ Monday ~

Shelburne, N.H.

1921  
June 27

Sun bright, air was a less smoky. Warm  
much smoke in the air in late P.M. + evening.

It has been warm but refreshing - <sup>Light rain</sup> - <sup>Evening</sup>.

This morning I walked with Miss Painter and  
Miss Ball to Devil's Den Boulders, some mile  
and a quarter distant. They had neither of  
them been there, and were much impressed.  
The huge boulders are splendid relics  
of the ice age. It is a ten minutes' slow  
walk from the Mill Brook Bridge.

This afternoon I have been quiet. I  
picked a big gummy sack full of white  
pine cones from the ground under the  
trees near the pasture gate in front of  
my cottage. They were in a space not  
more than six feet across, and without  
moving one of my feet from the ground  
I picked up 31 cones! That will give  
some idea of their abundance. There  
will be few if any cones this year.  
Last year was unprecedented.

White Pine  
cones  
on the ground  
in immense  
numbers.

Nice letters to-day from Capt. Hunter,  
Miss Stowell, Mary, Rob Ware.

Miss Ball has brought in a white pine cone  
which she picked up under a tree nearby  
that measures  $8\frac{1}{2}$  inches in length. That is  
2 dm, 6 mm.!! Length in Gray's Man, 1-1.5 dm.



Stellburne N.H.

1921

June 28

Cloudy, cool, air thick apparently with smoke. Rain quite heavy before daybreak, rain drops over during the day.

This morning Miss Bull, Miss Brown & I took a pleasant walk of some  $3\frac{1}{3}$  miles to the railroad, by track to Hubbard's Mill. Then on to Judge Evans' former cottage & then home through the village. The air was cool and the most interesting feature botanically was the abundance & fragrance of the clovers. I never saw the clover so abundant, large tracts densely covered and all in flower, while the fragrance is delicious. Together were the Red, the Alsike, the White and the Yellow or Hop Clover.

This afternoon I was busy putting some plants in to press and taking most of them out of press. They have dried quickly. Evening at the Farm & Cottage as usual.

[This evening or within a few days of it, I was awakened at midnight by a prolonged, sharp scream from the Bob Cat woods. It lasted some 5 or more seconds, loud & wild, screaming. After a few seconds it was repeated. I have never heard anything like it. On June 29 I saw Mr. Edwards at the Whitney Farm. He said I heard a Bob Cat. He hears them frequently.]

Sisymbrium altissimum L.

Waste ground by Hubbard's Mill. Many plants.

Excellence, N.H.

1921  
June 29

Air full of fog or smoke, yet refreshing - mild.

This morning, Miss Diller, Miss Ball, Miss Brown & I walked up the road to the Whitney Farm.

The air was fresh and cool. I had a pleasant talk with Mr. Edwards, and the ladies saw the horses & ponies and the view from the piazza through the big mountains were hidden away to the thick atmosphere.

On our way back, Mrs. Diller whom I met so pleasantly last year with her husband, the Govt. geologist came out and greeted us from the Gates Cottage. We sat on the piazza a while and I had a very pleasant talk with her. Her husband has entirely recovered his strength and is now in California. She told me a good deal about Will & Mollie Davis and the Roses in Washington at the late meeting there.

Afternoon quietly spent at Farm and cottage - There are always reading and writing and looking up plants, etc.

- Pinus sylvestris L. Self-sown trees, growing freely. Fruiting specimen from tree on bank by road with others of various sizes. This one 5-6 ft tall. Near Whitney Farm. Years ago some Scotch Pines were planted by the road off the Farm.
- Quercus virginica L.

A clump of a no. of plants in flower on the dry bank of main road near line between Brown & Gates Farms

Shelburne, N.H.

1921  
June 30.

Heavy clouds and mist and fine rain all day.

A very quiet day has been passed - I have been at home walking down to three meals. The morning was spent carefully in writing letters and I have made good progress. Almost nothing is in the press, so but little botanical work has been done -

This afternoon has been Miss Bull's last for to-morrow she goes by mid-morning train to Montreal and the next day to the Adirondacks to visit. It has been a real pleasure to have here so pleasant and appreciative a person -

This morning two heavy bundles were brought up to the cottage in the auto by Lawrence from Rob Ware. So he's surely coming on Saturday.

I read in Chronicles of the White Mountains quite a bit this afternoon. It's a good story difficult to put together but well done.

Miss Abby Birk & Mrs. Cons dropped in this afternoon. Miss Bull goes to-morrow evening reading -



Shelburne, N.H.

1921  
July 1

Heavy clouds, much drizzle - build.

This morning Miss Ball left us. She went to the station in the auto with her baggage and Miss Painter, Miss Brown & I walked over. Miss Ball was going to Montreal first. By the time we were not quite over the bridge the train came along to my surprise, and all we could do was to wave to the car after it started. We saw a white hawk. Chief waving in response at one of the windows. We had been delayed in starting, but I had no idea we should miss getting there.

We continued as far as Clemens Brook showing Miss Painter the village. I met & had a talk with Charles Hebbard. He said his name was spelt with an "e" and not with an "i". He has Hibbard relatives but not here - Sanford Hubbard lived here formerly. We got back to dinner, seeing Bobolinks & Savannah Sparrows in the interval and hearing a Yellowthroat by the road.

Charles  
Hebbard.

A card from Robb says he will be here to-morrow afternoon.

This afternoon there arrived Prof. Mrs. Emmett and a little grand-niece and Miss Leticia Hopper.

Shelburne, N.H.

1921  
July 2

Hot sun, with scattered clouds, very little air moving.  
Max. on piazza  $88^{\circ}$ .

It has been too hot to move out of doors to-day. Besides I have not felt quite up to the mark. I have spent the morning and part of the afternoon at home, reading &c &c

After dinner I had a good talk in the sitting room at the Farm with Prof. Emerton about his 50<sup>th</sup> yr celebration at Harvard, &c.

At 4.30 Lawrence & I drove over to the Station and on the arrival of the train Rob Ware Rob Ware alighted and I was glad to arrive - see him. It was a long ride from Portland. We drove back to the house and Rob was surprised to find that he had lost back his watch one hour.

We all sat on the piazza and drank strawberry drink and had a good talk. Rob looks well but wants a good rest. Charlotte will come a little later.

The evening was spent at the Farm House, there being quite a number of arrivals. Of old Greenwich, his wife and two youngest children and Dr. Billie Smith, on their way to Canada, Mr. & Mrs. Lyons & 2 children (black) who were here last year, &c &c.

Rosa Lyonic Pursh

July 1 - Coll. A. E. Philbrook.

Low by road, dry soil

See July 3 #1.

Aprostis alba L., var vulgaris (Wirtg.) Thurb.

Dry soil near the Cottage, in flower for Dr. Sordale -

Shelburne, N.H.

1921  
July 3

Intensely hot, no breeze, air smoky, max 94°.

It has been fierce to-day. This morning Gus, with us three (Miss B., R. & I.) drove up the Rosa' road to near Lead Mine Bridge and stopped just before we reached it where by the road in the dry grass was some small rose bushes running a few yards, very low, and exquisitely delicate pink flowers. Gus had never noticed them before. They are spontaneous from somewhere, but not from a small burial ground a few rods away. We took specimens for our herbaria and for the garden here.

I also took specimens of a low rose <sup>2</sup>Rosa spreading in the Hubbard burial lot, unkempt and with mounds for graves.

We came home by Lead Mine Bridge.

This afternoon we three drove to Church. Dr. Wood of Berlin was present. We went through the service but it was too warm for a sermon. 7 boudens were there, 20 in all.

Rev. H. S. Wood,  
146 Hillside St.,  
Berlin, N.H.

This evening we all called on Prof. F. E. Emerton.

- 1 Rosa Lyonii Pursh. 20-30 ft along roadside. Tide a. Nelson, Dec. 2/92

Dry roadside n. side of river, near Lead Mine Bridge & foot of Hubbard Hill. About one foot tall, mounds down evenly. Fls. delicate pink.

- 2 Rosa damascena Willd. var. γ Lyonii, Tide a. Nelson, Dec. 2/92.

Spreading in the old Hubbard burying ground near Lead Mine Bridge and the above Rosa

Rubus alleghenicus Porter.

In the old Hubbard burial ground

I was awakened last night by a long cry between silence & howl  
last, some 5 seconds & then followed by a similar cry. Not very far off

Tim Edwards  
Humboldt  
as field lab.



Shelburne, N.H.

1921

July 4

Fierce heat, smoky atmosphere, max. 97° F. !!

It has been far too hot to-day to do anything strenuous. This morning Bob + I took a number of plants some he had picked up in Portland and others. I changed the orders of the plants in press and I worked on my accounts.

This afternoon we all were as quiet as possible, while the mercury kept on rising till it reached 97° F. The study staid at 8° lower. I have begun "Wildfire" by Lane Gray.

This afternoon a light s. w. breeze brought the mercury at 6 P.m. to 83°. At 9.30 P.m. this evening, it was at 71° -

This evening we all staid down at the Farm, and as the darkness drew on, we had a very excellent display of fireworks furnished by Mr. Eddy + Mr. Paine. They were good and the scene was a very pretty one, with the colored lights and the rockets, pinwheels, Roman candles and the children danced about in the green waving the sparklets. The evening was cool and we all sat on the piazza -

We have a congenial + pleasant household and all enjoyed the occasion very much. Lawrence passed lemonade among the guests.

Shelburne, N.H.

1921  
July 5

Morning comfortable, afternoon warm, growing cooler toward evening. Light haze - Max. 82 F.

Today I have staid at the home and made the three visits to the Farm - Robert did not feel like moving about to-day and he has read and taken naps on the piazza and talked with friends at the Farm.

My Sisymbrium at Hebbard's Mill, is, as I suspected S. altissimum. Rob brought up his specimens and they show the hairy base on stem and leaves.

I have written, read, talked, changed the orders of my plants and altogether have kept pleasantly busy.

This evening we spent quietly at home reading & talking. Rob is getting a good rest which is what he needs. The continual cloudy or smoky evenings are shutting out the use of the telescope and preventing my showing the heavens.

I regret this very much, especially as no midges. This season there are practically no flies & insects in the air, midges, black flies & mosquitoes.

- Phleum pratense L. For Dr. Goodale -

Flowering specimens dry grown by the cottage - very handsome in full flower.

Shelburne, VT.

1921  
July 6

Muggy hot, smoky obscuring view. May 85 F.

Another hot day, making it imprudent to move about out of doors.

This morning I spent a long time at the Farm talking with Mrs. Rantoul who is here a few days.

I have written and now read. It seems rather idle but in Cambridge I don't get the time to read as I can here, and I am taking advantage of it now, especially as Rob is resting and also writing. He has it felt yet like walking.

~~[This evening or within a few days of it, I was awakened at midnight by a prolonged sharp scream from the woods. It lasted some 5 or more seconds, loud and wild. In a few seconds it was repeated. I have never heard anything like it. On June 29 I~~



Shelburne, N.H.

1921  
July 7

Hot, still, smoke very thick. Max. 94°F!!

It has been a very uncomfortable day, and one had to keep quiet and not venture to exercise in the heat.

I took out of press this morning all the plants in it, so that I have actually nothing now pressing - this is very unusual. But then I have done very little this season, but still I have a good bundle already of some interesting plants, Rubi.  
ge.

This afternoon at 4 o'clock I went Robins over to the Eumetons and with my binoculars watched from the 2<sup>d</sup> story a Robin's nest, very close, in the woodbine. There were two young birds and I saw the ♂ bird twice and the ♀ once feed the young in the usual way. On one occasion the ♂ bird took the excrement from the young bird, as it was emitted, and swallowed it.

The old bird on each occasion sat on the edge of the nest for a good while before flying away. I was at least  $\frac{3}{4}$  of an hour watching the whole performance. The ♂ ad, on one visit, and the young continuously, opened the mandibles from the beak.

Dr. & Mrs. J. L. & Bonnie Morse, and Mr. & Mrs. Abbott arrived this evening.

Shelburne N.H.

1921

July 8

Another intensely hot day, air thick with smoke still, max. 94°F. - 80° at 8 P.M. Thunder and lightning & some rain in the evening -

To-day everybody has kept quiet and endured - I have done nothing but be still, writing, reading, talking - Wob has had no inclination to do anything -

This afternoon Rev. T. B. Foster of Chicago came up and we sat some time under the trees near the gate - Finally we adjourned to the piazza and sat there - They are very pleasant indeed, Mrs. Foster has met Martha Deane in Chicago.

This evening we had a smart electric storm, heavy thunder & lightning with some rain -

Shelburne, N.H.

1921

July 9

Warm Am. cloudy & smoky. Heavy clouds in P.M.; culminating in a smashing thunder storm, with dashing rain.

Max. 84° F.

Another quiet day at home. The temperature has not admitted of walking.

This afternoon when the downpour came Rob & I went out to the piazza and sat down watching it. As I was facing the southwest there came as vivid a flash as I ever saw. This was followed instantaneously by a tremendous, overwhelming crash that was frightful. It must have struck somewhere near.

Heavy  
lightning  
thunder.  
rain

This morning on a call from Miss Brown Young who was outside between the piazza and the Red Pines, Rob & I hurried out on to the piazza. A young Partridge had flown from outside and was in ferns and other plants on the east side of the piazza. As we drew near, it ran to & fro just out of sight except for a glimpse occasionally. As we closed in it suddenly burst out and whirled across the open space and disappeared in the Red Pines. It was seen no more.

Mrs. Cans presented me to-day with a brick bath basket full of wood plants embedded in a bunch of lichen. It was very attractive and very kind of her.



Shelburne, N.H.

1921  
July 10

Heavy clouds, with a heavy rain in early P.M.,  
Clouds thick all day. No thunder,

As usual we have not strayed abroad, the weather, though cooler, has been threatening and in the early afternoon we had for a while a soaking rain. I saw the white heavy rain cloud advancing from the east as I went to dinner. It came on reluctantly a suavy sheet from heavens to earth, and soon it was in the midst of us -

Day spent as usual at home and in the evening at the Farm where I talked on the piazza for a long time -

Shelburne, N.H.

1921

July 11

Sun & cloud, pleasant - Evening clear for a while with moon in 2<sup>d</sup> quarter. Some clouding.

Letter from Cambridge Tell of heavy rain and floods. Papers full of it. Boston The register for 24 hrs. was 5.98 inches!!!

This morning Rob & I walked over to Hebbard's Mill. The *Sisymbrium altissimum* is still far from ripe, plants very large. On our return we met Mr. Stone in his car and had a chat with him -

This afternoon Eleanor Clark came up for a while and I showed her how I pressed plants &c. She staid some time - Rufus Emerson called later -

Charlotte Ware arrived by the 5 P.M. train. Rob went down to meet her. She had a hearty welcome at the Little House. We sat on the piazza and had a good talk and drank tea - We shall have them both now for three weeks.

This evening I showed the moon to Mrs. Cms. It was all too brief a time for the clouds closed in very soon. Since my arrival there has been not more than a couple of nights for seeing moon & planets -

*Rumex obtusifolius* L.

Plant 3-4 ft tall, young, to accompany the sp in

of June 17 -

*Rubus vermontanus* Blanchard, var. *viridifolius* Blanchard

File in K7.

Low, bending, by Clemens Brook at Hebbard's Mill. Old & new cane - Dec. 28 / 921

Shelburne, N.H.

1921  
July 12

Clear with some cloud, evening brilliant. Warm -

This morning Rob was here & there at the two houses. I wrote, &c, part of the time - Then I drove with Mr. Daine, Aris and the 3 children to Gorham. I saw Dr. Marble for a little while. He is very feeble, and is 73 years old, a few months younger than I am. I had a long talk with Mr. Shorey and we got home to dinner - We also called on Mayjorie -

This afternoon I have been at home reading & writing. It has been pretty warm. I have written to Prof. Hitchcock and enclosed some Danthonia spicata so called from here. I want him to explain the aristate teeth of the lemma. I have often wondered at it.  
Evening at the farm and cottage.



Shelburne, N.H.

1921

July 13

Hazy; cloud, sun calm hot. Max. 90° F.

Another warm day, inviting rest and reading, and conversation. Nobody has ventured to do any real exercise to-day. I am never at a loss to do something to keep myself busy - My plants are almost dry and but few are in press.

This afternoon Mrs. Foster, Mr & Mrs. Abbott came up and sat on the platform and we had a pleasant talk. Cold tea & small cakes were on hand -

This morning I had a very pleasant talk on the Farm piarra with Mr. Eddy, Dr. Foster and Rob Ware.

This evening I sat on the piarra for some time talking then went up to the Cottage with Rob. The had no light in the house but sat on the piarra - Through the slightly hazy atmosphere the half moon shone wonderfully and it never showed better through the telescope. We all looked at it - Jupiter and Saturn were invisible -

When I went to bed <sup>at 10 P.m.</sup> a thermometer which I had previously laid against my pillow by the open window registered 83° F!! I slept all night with one making but uncomfortable dreams.

- Thursday -

Shelburne N.H.

1921

July 14

Very hot and oppressive, thunder storm at noon  
May. 9/7.

Dr & Mrs. G. L. Goodall arrived last evening by Dr. & Mrs. Goodall  
auto from Saco. This morning before break- arrive  
fast I went down and greeted them. Dr. G.  
was pretty tired but bright. Mrs. G. was quite  
bright but I know she is not strong.

We have passed to-day very quietly.

This morning I sat with Madame  
Cons & Miss Kirk on the Lodge piazza  
some time. Later Dr & Mrs. Foster called  
and sat on the piazza. The 304 Num-  
mers performed for them. Mrs. Foster  
showed me a sheet of paper on which  
she had type-written some Braille.

It is a remarkable work for the blind.

About noon came the thunder storm and  
the mercury dropped  $14^{\circ}$  quickly and  
later recovered much of it.

This evening Prof. & Mrs. Emerson, Eleanor  
Clark, Miss Kirk & Madame Cons sat on our  
piazza for some time.

Friday-

Shelburne, N.H.

1921

July 15

Cool, sunny with cloud, rain in A.M. cleared in mid A.M. Air cool & pleasant.

At home till about 11 A.M. Then called at the Evans Cottage on Mrs. Mayhew whom I found quite well and very glad to see me. We talked for a good while. Returned to dinner.

This afternoon Robt & I sat in the study a good while talking & discussing. Later Mrs. Rantoul called and we sat on the piazza.

I had a good letter to-day from Mr. Carr. They are all well and feel quite pleased in regard to Fred who is well and doing good work in the factory. He will go back to College later.

After supper we strolled down some time. The sky was clear as crystal, and the moon was wonderfully bright. Robt and Mr. Eddy played 3 games of croquet on the new ground. It needs much yet to get a smooth surface. Result - Robt 2, Mr. Eddy 1.

Later Madame Cors came over and I showed her the Moon, Jupiter, Saturn, She was much impressed. She wanted to see Arcturus for one of her soldier boys had said that they could both see it at the same time.

Wm Painter walked to-day from the farm to Gorham Station.



Shelburne, N.H.

1921

July 16

Cool, bracing, rather warm at noon - Light haze

It has been a perfect day - After breakfast Robt played croquet all the morning. I walked with Dr. Mrs. Foster to the Presidential Platform. Blueberries in the pasture are very abundant, and are getting ripe fast. Masses of White Pine cones ripe last fall still hang in the trees, while the ground beneath is sometimes so thickly strewn that one can't avoid treading in them.

This afternoon there came up to tea on the piazza Miss Charlotte Maxwell 41 Waverley St., Boston. Miss E. B. Deane, D.D., Miss Margaret Warner, 186 Commonwealth Ave., Boston. Miss Sophie Kirk and Madame Cons. Miss Maxwell is an old friend of Mrs. Ware. The Hummingbird drank at the tumbler much to their pleasure.

Before the ladies arrived, Prof. Emerton called and he & I walked up to his spring which is full of good clear water.

This evening Rev. Prof. Theodore B. Foster & wife, 2726 Washington Blvd Chicago Ill., Miss Leslie D. Harper 41 Ashford St. Alleghen, Pa., <sup>Miss Rachel Taylor on</sup> South Ark. Englewood, W. Va. came up to see the heavens. The night was very clear and the moon very brilliant. We inspected the moon, Jupiter with 3 moons and Saturn whose rings are invisible.

*Pteris aquilina* L.

n. slope of Pine Grove P. Farm, distant ponds, coll in previous years. Not so interesting in it.

*Habenaria lacera* (Michx.) R. Br.

Wet swampy ground, Norway, Me. coll. Miss Sophie Kirk. Ex 20.

## Shelburne, Vt.

1924  
July 17

Fog, shading the mts, light cloud, calm,  
cool A.M., warm P.M.

It has been a pleasant day. This morning I had a long talk with Mr. Johnson who came up yesterday with his family. Wrote letters, etc., later. Rob napped and read.

This afternoon we four walked to church. Mr. Wood could not come, but Mr. Lane of Berlin preached a very interesting sermon on the legal evidence of the risen Christ. Some dozen or half were present. Rob Ware played the organ and the singing was very good.

Mr. Leighton's son's wife who was at church with her husband and little daughter had one of her terrible attacks just after the service began. She uttered terrible shrieks and slipped down to the floor. Her husband with difficulty carried her out apparently unconscious.

We all walked home. It was warm.

This evening, Christine, Nancy & Charlotte Whiting, their friend came up and called. I showed them the moon, nearly full & Jupiter. They were all much pleased. For the first time we were bothered by midges.

Trifolium pratense L.

Pure white plants among the magenta ones by the road to Shelburne Bridge.

Shelburne, N.H.

1921  
July 18

Thick, smoky haze, warm

This morning Rob & I walked over to the Knubble, inspecting plants. Then we went on to Wheeler's Pond and poked around on the quaking borders. Many familiar bog plants are there. Rob put a number in his box. As we started to return we were picked up in an auto by two fellows from the Brown Mills in Berlin. They dropped us in front of the Farm.

This afternoon I read, wrote and some a while watching the two Wrens feed their young. I lay on my study couch close by. The two were constantly at it, taking food & cleaning the nest. If one bird was in the nest the other, coming at that time would wait on the near perch till no. 1 came out and then go in, or no. 2 would swallow the food and fly off for more. They feed at intervals of some 15 seconds on an average.

Later Dr. Spottiswood called and we had tea on the piazza & pleasant talk.

This evening I spent some time at the farm talking. Rob played on the piano. I wrote a letter to Charlie Batchelder congratulating him on his birthday (65 years)



Shelburne, N.H.

1921

July 19

Cloudy with a little sun, rain in evening -

This morning I sat on the main piazza reading letters, talking with Dr. Foster and watching a good game of croquet between Mr. Eddy & Miss Gorman vs. Lorraine & Miss Lyman. The former won. 3 balls had hit the home stake.

Later I helped Rob put some plants in to press -

This afternoon I wrote Fred and later we four went over and called on the Embertons. They were in and had a very pleasant time. We ate raspberries, drank tea, Rob & Eleanor Clark played backgammon, the ladies put raspberries in to jars and Prof. E. & I talked. We adjourned to the Farm at supper time.

After supper it began to rain and we hurried home -

I have had many interesting letters lately from Alice Metherbee, Mrs. F.S. Mathews, Lucy, Emily Williams from France &c.

It rained very hard after my return and I was starting back with rubber coats &c. for Rob & Charlotte when Rob appeared. He took both Henrys and both came back -

I have finished to-day The Apartment next door by William Johnston. Very good.

Stellburne, N.H.

1921  
July 20.

Rain with light thunder in A.M. then clear with  
snowy ground. Thunder, lightning & pouring rain  
in P.M. Evening cloudy.

This morning Rob & I went over to Trip to  
Randolph, by auto to Upper Gorham. Dr. Pease Randolph  
met us at the station cordially. I hadn't seen  
him for 2 years - He walked over to the cot-  
tage and were welcomed by Mrs. Pease & Henrietta.  
I saw for a moment Mrs. Pease, Sen. who stopped  
at her son's returning from a drive.

The rain that came on soon and finally  
poured in torrents kept us in the house  
and we could not call on Mrs. Pease, Sen.  
The time passed very pleasantly in conver-  
sation. Dr. Pease had much to tell of  
his botanical experiences in the country.

He agrees with me that *Daulthonia* sp. here  
is wrongly described as to teeth of *Locuma*.  
Mrs. Chase calls it *D. spicata* without  
comment - I shall write her again.  
Dr. P. finds in abundance, near by, *Botrychium*  
*simplex*, *Aphloglossum vulgatum*, *Arceuthobium*  
*pusillum*, *Salix balsamifera* &c. I shall try  
to get them here, but we are much lower.

At last we had to go back and an  
auto was procured to take us to the station.  
The rain ceased and the return trip  
was the reverse of the other. It was  
a pleasant day in the extreme in  
spite of the weather which pre-  
vented us short excursions.

Shelburne, N.H.

1921

July 21

Clear, calm, mild.

This morning we were busy in my study. Rob prefers to rest a good deal. I had some plants sent me for names and that required time.

Then we watched the Wrens feeding their young very busily. There seems to be no rest. The young put their heads out of the hole and. They will leave soon surely.

At about one P.M. we saw a Warbler (♂) in the <sup>red</sup> spruces just before the cottage. He staid Cape May in full view feeding and moving quietly about Warbler for some ten minutes. I examined his markings very carefully and 2 or 3 times compared them with the colored plates on Eaton's Bird of New York. In every detail, ~~but one~~, the markings were exactly those of the Cape May Warbler, crown black, orange patch back of eye, black streaks on back, white patch on wing, ~~under~~ parts yellow with black streaks. On the outside of the tail at or near the end was some white, not always visible as it fletted round.

A bird doubtless a ♀ or immature of same sps was with the above. There were present Robert A Ware, Mrs. R. A. Ware, Miss Sophie Kirk, Miss Brown who all verify the above —

Pleasant P.M. Tea at 4.30 at main house to us four by Miss Maxwell & Miss Deane in their room. Miss Warner was there Miss Brown & I called on Miss Painter after tea

In Chapman's Bird Book, p. 353, he says, "outer tail feathers with large white patch on their inner webs, near the tip." The illustration in Eaton's B.O.B. of N.H. shows the tail closed.



Shelburne, N.H.

1921

July 22 Clear, calm, warm in P.M., glorious day.

This morning Rob and I walked up the road back to as far as the Whitney Farm to inspect the *Pinus sylvestris* L. Sawtooth Pine by the road that I visited on June 29. The trees on the roadside bank outside the fence are self-sown. They vary in size for 8 or 10 ft to 30-40 ft. The cones are still green. We got specimens & I picked up some old cones from the ground.

We made a very pleasant call on Miss Gates and Mrs. Diller. Prof. Diller is in California working on Mt. Lassen which has erupted within 5 years forming fresh mud & a little lava. We got home before dinner, a good 4 miles.

This afternoon was spent in the study changing orders, analyzing plants writing &c. An interesting *William* I have just received from Mr. W. T. Dutnam for Lake Cushman, Wash. The petals & sepals are streaked with green. He wrote me a long letter that I rec'd June 21.

Later Miss Brown & I called upon Dr. Thurnhouse. We had a very pleasant time. Bunnie showed us his cages of Chipmunks, some 6 in all. While we were there, he caught another.

This evening Mr. Mrs. Martin J. Williams, Hudson Terrace, Pittsford, N.Y. came up. Pleasant talk. Mrs. W. is a connection of Miss Stowell's.

*Pinus sylvestris* L.

Spun with cone, and old cones from ground, tree some 30 ft. high by Whitney Farm, roadside, outside the fence. Self-sown.

See June 29. Trees outside the fence self-sown. Five C.E. Phillips. *Epipactis atrorubens* (L.) Brantz, var. *aphyllodes* (Ternstroem) C.E. Phillips. Coll. by Mrs. Ralph & son.

Shelburne N.H.

1921

July 23

Clear but hazy, calm Sun., warm. Light breeze in P.M., comfortable -

We have all staid at home to-day, but each one has been busy. Rob has been writing and otherwise busy at his table. I have been writing letters & while Charlotte & Miss Brown have been engaged in various occupations.

This afternoon Mrs. Diller came over from Gates Cottage, and Mrs. Goodale and Miss Hobson came up and we all sat on the piazza and had a very pleasant talk - Mrs. Diller had much to say about her husband's work on Mt. Lassen, Cal., and about her life in Washington. Miss Brown furnished cold & hot drinks and cakes and I had the telescope out. The Humming Bird entertained us too.

After supper I gave some money to Madame Cons to help her work among the French poor - \$2.00.

Haying is progressing. A very big load was taken in this P.M. that was cut this A.M. Haying began on the Island as usual. It was on July 16. Barney who made the big load says it was the best one he has made for years. We all saw it making from the piazza.

Sunday -

Shelburne, N.H.

1921

July 24

Warm, calm, air heavy and thick.

This morning, Rob & I were busy at home. He is practising writing Braille with Mrs Foster's machine. He has written it for a number of years. The paper is indented as you write and the blind feel of the irregularities -

I have written, changed dried & read.

This afternoon Frances Johnson took us for a visit with Miss Painter and Peggy & her friend to church. Rev Dr. Foster preached, Rob played the organ and I passed the plate. There were some forty present. It was a very interesting service. A good collection was taken up and it will be sent to Dr. Wood. About 40 were present.

A good  
church  
service

We drove home, and Frances, Peggy and Charlotte Whiting, her friend, came up and sat on the piazza and drank cold iced tea and got cool -

This evening, we spent some time on the piazza at the farm. I talked with Dr. Foster mainly - Robert is intensely interested in the Braille that Mrs Foster uses and he had a long talk with her - Later we read till bed time - Charlotte is getting a good, wet.

Danthonia spicata, (1) Germ. For blanching  
Dry soil - Pine Grove, Fruit.



Shelburne N.H.

1921

July 25. Very warm, air heavy, mts. clouded with fog. 92°F

It has been too warm to move about out of doors, so I have kept quiet reading and writing. I was annoyed this morning to receive from Washington a notice inquiring about some features in my Internal Rev. Tax bill for 1919. I don't understand it and can do nothing till my return. I have written to this effect.

This afternoon Madame Cons and Miss Sophie Kirk left us to return home.

Later the Wares had a call from the Carters of Randolph who came in a big car. There were half a dozen including a lad from West Newton who is going to Harvard. They sat on the piazza for some time and Miss Boone brought out iced tea & cake.

The evening was spent partly at the main house. I had good letters this evening from Miss M. R. Conclaton and Glover M. Allen.

This afternoon I saw the heads of two young wrens (we've never seen more than two) poking out of the box on S.W. corner of the piazza and I saw one of the old birds feeding them. I have constantly, during the raising of the brood, seen the two parent birds at work at the same time

Wrens still feeding young at nest on S.W. piazza

Shelburne, N.H.

7921  
July 26

Air smoky, warm, calm. Max 89°

We were all busy at home this morning at various things.

This afternoon Mrs. Ware went driving with Mr. & Mrs. Cebbot. Rob wrote and so forth. It was too warm for much.

The haying has made much progress to-day. Wonderful haying weather.

At 5 P.M. Rob and I went over to Prof. Emerton's where he had asked us to come and met Eleanor & Mrs. Rantoul. We examined particularly his bed of Shirley Poppies. It was a glorious sight. One hundred or more picked daily and the area is some 12 to 15 ft. across. The entire garden is in good shape. We drank tea under the pines and had pleasant conversation.

After supper Frances Johnson and I played a tournament game of croquet with Mr. Lyon and Eleanor Clark. Crocket tournament game  
The household were all out to view the game and the evening was pleasant. Frances & I won and shall have to play at least one more game. There was a good deal of fun among the lookers-on.

The Wrens in the nest on S.W. piazza were Wrens on gone this morning with their parents. Perfect S.W. piazza gone silence takes the place of the long activity —

Shelburne, N.H.

1921

July 27

Very warm, sky hazy, calm -

I was waked up this morning about midnight by a prolonged scream from the northern woods like the ones I heard on about June 28 last. Needles to discuss opinions as it can not be proved - Bob Cast in Canada Lynx are opinions of old woodsmen -

This morning we all watched another croquet game - This evening Mrs. Johnson & I play a fair -

Miss Deane and Miss Maxwell came up this morning and sat on the piazza.

This afternoon Dr. Mrs. Foster, Miss Hooper and Dr. Spottiswoods came up and we had a pleasant talk on the piazza.

After tea Mrs. Johnson & I were beaten in tennis. That puts us out -



Shelburne, N.H.

1921  
July 28

Thunder storms at intervals, air very heavy and oppressive, sharp lightning.

This morning another match game of croquet was played, with much interest shown. I watched it throughout. Mr. Eddy & his partner, a little girl won. Now they play to-morrow, if pleasant against Bonnie & Miss Hooper. After that four of us got up a game, Dr. Foster, Mr. Lyon, Gus & I. It was a long fought game and Gus & I won - I was pretty tired.

In afternoon I rested & read and at 5 P.M. we four went down to Miss Maxwell's & Miss Deane's room for tea of just ourselves. It was very pleasant. After tea Peggy & Charlotte played on the piano a lively piece and Mrs. Abbott & I danced a minuet, much of the amusement of every body.

Later we all went over to Dr. Goodale's and met Miss Mary Davis and Miss Brooks her friend who have just returned from a tremendous tramp of a number of days over the White Mts, Carter Dome, Carter Range Wild River to Gilead, and again Goose Eye, Speck Mt. Bear River to Bethel. Miss Brooks gave Dr. Goodale a remarkable little figure of an Imp almost microscopic, made of clay & colored and sitting in a lichen cup in a bunch of lichen. It is most remarkable.

Shelburne, N.H.

1921  
July 29

Cloudy, with a little light rain. Cool.

This morning I watched the final game of the tournament, which was won by Mr. Eddy & Jessie Day - very good play by the victors.

Charlotte Ware went away this morning. Rob & I drove over to the station with her. She went on to Gorham and then by various changes, occupying a few days and visits to friends to Boston.

Rob & I walked along the track to Hebbard's Mill and on through the village home. We collected some plants.

This afternoon I spent some time putting the plants into press with Eleanor Clark's help.

Later Miss Davis & Miss Brooks, Reggie & Charlotte, & Mrs. Goodale called. I heard more of the wonderful tramp.

Evening at home. Rob goes to-morrow.

Triticum aestivum      Saskatchewan Wheat

R.R. track, a little below station

- Oenothera biennis L. - five Wiegand Dec 27, 1921

Waste ground by Hebbard's Mill. 5 ft tall  
not much branching -

- Oenothera muricata L. - five Wiegand, Dec. 29, 1921.

Damp ground by r.r. track, near station  
5 ft tall & branching -

- Sisymbrium altissimum L. By Hebbard's Mill.

At least 4 ft. tall, fruit. 1 plant in flower, 2 1/2 ft tall.

- Lactuca

2 small flowers, reddish orange -  
1 single flower in each, reddish orange.

1 One plant moist ground by R.R. track near station.

2 " " " " on tall grass near Hebbard's Mill 5 1/2 ft tall, no flowers. (about 1 destroyed)



Stellburne, N.H.

1921  
July 30

Rain at intervals through the day - Cool.

Robert Ware left us this morning - We all had early breakfast and in a sweet rain I drove down to the station with Robt. & Lawrence. Others went, Dr. Moore & Charlotte Whiting. Rob goes to 4 Walnut St. Boston.

It rained very hard on our return -

I have passed the morning & afternoon quietly, talking at the main house and reading and writing -

This afternoon we saw through the 3' telescope a Great Blue Heron alight in the creek directly opposite the cottage - It was an interesting sight, as the glass showed him finely -

I am reading Alsace-Lorraine with much interest -

This evening I had a long letter from Mrs. Chase in re our *Danthonia*. She says it is *D. spicata* and that the teeth of the lemma varied. The manual illustration makes them very short. The genus needs revision. The teeth vary in length. Mrs. Chase first called my *Danthonia*, *D. compressa*.

- *Ribes vulgare* Lam.

Self soon introduced in some unknown way on to Endicott Farm. From Mrs. Chase Reuter.  
See description under August 1.



Shelburne, N.H.

1921

July 31

Rain with thunder & lightning through the day, with glimpses of sun at intervals.

Robt Greenough, Ellen & Barbara arrived early this morning from camp and will go home tomorrow. This morning I staid down a good while and talked with them all - Later I wrote letters at home.

came up this morning and we entertained her a while. She is head of the district nursing in Berlin.

This afternoon I divided between the farm & cottage. Mr. & Mrs. Eddy came this P.M. and we had a very pleasant call on the piazza. I was able to show them a Great Blue Heron in the interval near the Knubble by the Creek, through the telescope. Two Gt. Blues flew over the interval and one alighted.

This evening I spent at both places. I have read to-day in Alsace Lorraine. It is very illuminating.

